

## ABSTRACT OF THE DISCLOSURE

A trip system for a circuit breaker includes a current sensor and a stop surface, the current sensor having a contact surface, a first end that is supported, and a second end with a degree of freedom. The current sensor, arranged for receiving an electric current, undergoes a first deflection in response to a first current and a second deflection in response to a second current, the first deflection resulting in clearance between the contact surface and the stop surface, and the second deflection resulting in contact between the contact surface and the stop surface.